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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,804	01/11/2002	Paul H. DeKeyser	101488.0001US1	9078

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EXAMINER

TEKLE, DANIEL T

ART UNIT	PAPER NUMBER
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2621

MAIL DATE	DELIVERY MODE
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01/08/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/043,804	Applicant(s) DEKEYSER ET AL.	
	Examiner DANIEL TEKLE	Art Unit 2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 October 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-12, 17 and 18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-12, 17 and 18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Argument

Applicant's arguments with respect to claim 7-12 and 17-18 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 7-12, 17 and 18 rejected under 35 U.S.C. 102(b) as being anticipated by Ayaki et al. (US 6,934,464).

Regarding Claim 7: Yuen et al. discloses a method of recording a sequence of first and second video frames, comprising: providing a memory having a plurality of memory locations corresponding to a plurality of memory addresses (column 8 line 65 to column 9 line 18 and Fig. 2); using a linked list to determine different first and second sets of contiguous ones of the memory addresses (column 10 lines 11-24 and Fig. 3); selecting one of the sets of memory addresses (Fig 2 and 3); creating first and second variable sized compressed frames from the first and second video frames, respectively (column 8 line 65 to column 18); writing the compressed frames to first and second ones of the memory locations, respectively, corresponding to first and second memory addresses of the selected set (column 10 lines 33-53); using an index to store each of the first and second memory addresses (column 12 line 52 to column 13 line 6); and

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retrieving the second video frame by obtaining the second memory address from the index, and decompressing the compressed frame stored at the second memory location **(column 13 lines 20-33)**.

Regarding Claim 8: Yuen et al. discloses a method of recording of claim 7, wherein the index identifies of the first and second compressed frames using at least one of frame number, time, and date **(column 14 lines 1-17)**.

Regarding Claim 9: Yuen et al. discloses a method of recording of claim 7, wherein the addresses to which the first compressed frame is written is a start address for a video clip**(column 10 lines 4-10)**.

Regarding Claim 10: Yuen et al. discloses a method of recording of claim 7, wherein the step of selecting one of the sets of memory addresses comprises selecting a largest one of the sets **(column 9 lines 1-15)**.

Regarding Claim 11: Yuen et al. discloses a method of recording of claim 7, wherein the index comprises a table stored in random access memory **(column 17 table II)**.

Regarding Claim 12: Yuen et al. discloses a method of recording of claim 11, further comprising protecting from being overwritten at one memory location corresponding to at least one of the memory addresses of the selected set **(column 12 lines 51-67)**.

Regarding Claim 17: Yuen et al. discloses a method of recording of claim 7, wherein looping the memory comprises creating additional compressed frames from subsequent video frames, and overwriting one of the additional compressed frames to the memory at the first location **(column 42 lines 21-42)**.

Regarding Claim 18: Yuen et al. discloses a method of storing and playing back a video recording having 1 though n variable length video frames, where n is at least 9 comprising: storing each of the n video frames in n different memory locations, respectively (**Fig. 3**), using a random access index to store pointers to each of the n memory locations (**column 10 lines 11-25**); using the index to directly locate, access, and playback any individual ones of the n video frames (**column 10 lines 11-25**).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANIEL TEKLE whose telephone number is (571)270-

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1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00
Every other Friday..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Daniel Tekle/
Examiner, Art Unit 2621

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621